

Table 1.—Preliminary estimates of passage by brood-year (BY) and run for unmarked juvenile Chinook salmon and steelhead trout captured by rotary-screw traps at Red Bluff Diversion Dam (RK391), Sacramento River, CA, for the dates listed below. Results include estimated passage, peak river discharge volume, water temperature, turbidity, and fork length (mm) range in parentheses. A dash (-) indicates that sampling was not conducted on that date.

Date	Discharge volume (cfs) ¹	Water temperature (°C)	Water turbidity (NTU)	Estimated passage				
				BY08 Fall	BY08 Late-fall	BY08 Winter	BY08 Spring	BY09 Steelhead
2/12/09	6,230	7.8	6.2	60,829 (31 – 53)	0 (-)	312 (93 – 111)	238 (60 – 61)	73 (30)
2/13/09	5,950	7.7	10.1	77,856 (31 – 52)	0 (-)	0 (-)	180 (57)	0 (-)
2/14/09	7,000	7.2	13.7	255,497 (32 – 54)	0 (-)	484 (114)	855 (60 – 63)	0 (-)
2/15/09	9,720	7.3	13.9	157,584 (32 – 52)	0 (-)	0 (-)	808 (56 – 63)	0 (-)
2/16/09	19,700	7.2	43.5	377,325 (32 – 55)	0 (-)	1,408 (100)	744 (58)	0 (-)
2/17/09	26,900	7.3						
2/18/09	33,000	7.8						
2/19/09	18,500	8.9	18.1	175,350 (30 – 56)	0 (-)	538 (87 – 115)	367 (60 – 66)	0 (-)
2/20/09	9,100	9.3	8.4	50,736 (31 – 56)	0 (-)	426 (82 – 112)	508 (60 – 66)	67 (26)
2/21/09	6,870	9.7	6.2	27,476 (29 – 57)	0 (-)	138 (95 – 98)	277 (58 – 61)	0 (-)
2/22/09	6,960	9.9						
2/23/09	18,900	10.3						
2/24/09	24,100	10.6	38.3	202,160 (32 – 52)	0 (-)	2,621 (94 – 124)	833 (59 – 63)	0 (-)
2/25/09	23,100	10.3	59.5	478,058 (31 – 58)	0 (-)	3,497 (89 – 141)	1,601 (60)	0 (-)
Biweekly total²				2,608,019	0	13,194	8,975	196
<i>Biweekly Lower 90% Confidence Interval</i>				-747,448	0	-7,223	-5,108	-1,064
<i>Biweekly Upper 90% Confidence Interval</i>				5,963,486	0	33,611	23,058	1,456
Brood-year total				5,620,238	91,677	1,245,533	51,312	297
<i>Brood-year Lower 90% Confidence Interval</i>				2,855,509	49,224	802,434	29,815	-216
<i>Brood-year Upper 90% Confidence Interval</i>				8,384,967	134,130	1,688,631	72,810	810

¹ Peak daily discharge values do not account for diversions at RBDD and only represent peak flows registered at the Bend Bridge Gauging station (<http://cdec2.water.ca.gov/cgi-progs/queryFx?bnd>).

² Biweekly totals may be greater than the sum of the daily estimates presented in this table if sampling was not conducted on each day of the biweekly period. A dash (-) denotes those dates. To estimate daily passage for days that were not sampled, we impute missed sample days with the weekly mean value of days sampled within the week.